

Title (en)  
HIGH VOLTAGE DISCONNECTOR

Title (de)  
HOCHSPANNUNGSTRENNSCHALTER

Title (fr)  
DÉCONNECTEUR HAUTE TENSION

Publication  
**EP 3803930 A1 20210414 (EN)**

Application  
**EP 19732267 A 20190605**

Priority  
• EP 18176731 A 20180608  
• EP 2019064679 W 20190605

Abstract (en)  
[origin: EP3579261A1] A high voltage disconnection unit comprising a fixed contact assembly having at least a first fixed main contact and a first fixed auxiliary contact, a movable contact assembly having at least a first movable main contact and a first movable auxiliary contact that rotate with respect to said first fixed main contact and first fixed auxiliary contact from a contacts closed position to a contacts open position, characterized in that during an opening operation of said disconnection unit the separation of said first movable main contact from said first fixed main contact takes place before the separation of said first movable auxiliary contact from said first fixed auxiliary contact, and further characterized in that the relative opening speed V1 between said first movable auxiliary contact and said first fixed auxiliary contact is greater than the relative opening speed V2 between said first movable main contact and said first fixed main contact.

IPC 8 full level  
**H01H 33/64** (2006.01); **H01H 1/42** (2006.01); **H01H 33/12** (2006.01)

CPC (source: EP US)  
**H01H 1/42** (2013.01 - EP US); **H01H 33/123** (2013.01 - EP US); **H01H 33/127** (2013.01 - US); **H01H 33/64** (2013.01 - EP)

Designated contracting state (EPC)  
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Designated extension state (EPC)  
BA ME

DOCDB simple family (publication)  
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**EP 18176731 A 20180608**; CN 201980039069 A 20190605; EP 19732267 A 20190605; EP 2019064679 W 20190605; JP 2020568422 A 20190605; US 201916973073 A 20190605